

\$%^STN;HighlightOn= ***;HighlightOff=*** ;

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptaul85jxu

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

***** Welcome to STN
International *****

NEWS 1 Web Page URLs for STN
Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help
around the clock
NEWS 3 AUG 09 INSPEC enhanced with 1898-
1968 archive
NEWS 4 AUG 28 ADISCTI Reloaded and
Enhanced
NEWS 5 AUG 30 CA(SM)/CAplus(SM) Austrian
patent law changes
NEWS 6 SEP 11 CA/CAplus enhanced with more
pre-1907 records
NEWS 7 SEP 21 CA/CAplus fields enhanced
with simultaneous left and right
truncation
NEWS 8 SEP 25 CA(SM)/CAplus(SM) display of
CA Lexicon enhanced
NEWS 9 SEP 25 CAS REGISTRY(SM) no longer
includes Concord 3D coordinates
NEWS 10 SEP 25 CAS REGISTRY(SM) updated
with amino acid codes for pyrrolysine
NEWS 11 SEP 28 CEABA-VTB classification
code fields reloaded with new
classification scheme
NEWS 12 OCT 19 The Derwent World Patents
Index suite of databases on STN will
be enhanced and reloaded on
October 22, 2006

NEWS EXPRESS JUNE 30 CURRENT WINDOWS VERSION
IS V8.01b, CURRENT
MACINTOSH VERSION IS V6.0c(ENG)
AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS
DATED 26 JUNE 2006.

NEWS HOURS STN Operating Hours Plus Help
Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information
regarding STN implementation of IPC 8
NEWS X25 X.25 communication option no
longer available

Enter NEWS followed by the item number or name
to see news on that
specific topic.

All use of STN is subject to the provisions
of the STN Customer
agreement. Please note that this agreement
limits use to scientific

research. Use for software development or
design or implementation
of commercial gateways or other similar uses
is prohibited and may
result in loss of user privileges and other
penalties.

***** STN Columbus **

FILE 'HOME' ENTERED AT 11:04:18 ON 19 OCT 2006

=>

=> file medline
COST IN U.S. DOLLARS
SINCE FILE TOTAL

ENTRY SESSION
FULL ESTIMATED COST
0.21 0.21

FILE 'MEDLINE' ENTERED AT 11:04:32 ON 19 OCT
2006

FILE LAST UPDATED: 18 Oct 2006 (20061018/UP).
FILE COVERS 1950 TO DATE.

On December 11, 2005, the 2006 MeSH terms
were loaded.

The MEDLINE reload for 2006 is now (26 Feb.)
available. For details
on the 2006 reload, enter HELP RLOAD at an
arrow prompt (=>).
See also:

<http://www.nlm.nih.gov/mesh/>

http://www.nlm.nih.gov/pubs/techbull/nd04/nd04_mesh.html

http://www.nlm.nih.gov/pubs/techbull/nd05/nd05_med_data_changes.html

http://www.nlm.nih.gov/pubs/techbull/nd05/nd05_2006_MeSH.html

OLDMEDLINE is covered back to 1950.

MEDLINE thesauri in the /CN, /CT, and /MN
fields incorporate the
MeSH 2006 vocabulary.

This file contains CAS Registry Numbers for
easy and accurate
substance identification.

=> s ligand (p) consensus
110329 LIGAND
59184 CONSENSUS
L1 850 LIGAND (P) CONSENSUS

=> s 11(p)peptide#
412000 PEPTIDE#
L2 172 L1(P)PEPTIDE#

=> s 12(p) receptor#
768251 RECEPTOR#
L3 93 L2(P) RECEPTOR#

=> d 1-93 ti so

L3 ANSWER 1 OF 93 MEDLINE on STN
TI Phosphopeptide ligands of the SHP-1 N-SH2 domain: effects on binding and stimulation of phosphatase activity.
SO ChemMedChem, (2006 Aug) Vol. 1, No. 8, pp. 869-77.
Journal code: 101259013. ISSN: 1860-7179.

L3 ANSWER 2 OF 93 MEDLINE on STN
TI Overview of the primary structure, tissue-distribution, and functions of tachykinins and their receptors.
SO Current drug targets, (2006 Aug) Vol. 7, No. 8, pp. 963-74. Ref: 171
Journal code: 100960531. ISSN: 1389-4501.

L3 ANSWER 3 OF 93 MEDLINE on STN
TI The three-dimensional structure of the N-terminal domain of corticotropin-releasing factor receptors: sushi domains and the B1 family of G protein-coupled receptors.
SO Annals of the New York Academy of Sciences, (2006 Jul) Vol. 1070, pp. 105-19.
Journal code: 7506858. ISSN: 0077-8923.

L3 ANSWER 4 OF 93 MEDLINE on STN
TI Structural insight into the binding diversity between the human Nck2 SH3 domains and proline-rich proteins.
SO Biochemistry, (2006 Jun 13) Vol. 45, No. 23, pp. 7171-84.
Journal code: 0370623. ISSN: 0006-2960.

L3 ANSWER 5 OF 93 MEDLINE on STN
TI NFAT regulates calcium-sensing receptor-mediated TNF production.
SO American journal of physiology. Renal physiology, (2006 May) Vol. 290, No. 5, pp. F1110-7. Electronic Publication: 2005-12-27.
Journal code: 100901990. ISSN: 0363-6127.

L3 ANSWER 6 OF 93 MEDLINE on STN
TI Phage display reveals multiple contact sites between FhuA, an outer membrane receptor of Escherichia coli, and TonB.
SO Journal of molecular biology, (2006 Mar 17) Vol. 357, No. 1, pp. 236-51.
Electronic Publication: 2005-12-27.
Journal code: 2985088R. ISSN: 0022-2836.

L3 ANSWER 7 OF 93 MEDLINE on STN
TI Survey of functional activities of alpha-fetoprotein derived growth inhibitory peptides: review and prospects.
SO Current protein & peptide science, (2006 Feb) Vol. 7, No. 1, pp. 73-100.
Ref: 112
Journal code: 100960529. ISSN: 1389-2037.

L3 ANSWER 8 OF 93 MEDLINE on STN
TI Interaction with PDZK1 is required for expression of organic anion transporting protein 1A1 on the hepatocyte surface.

SO The Journal of biological chemistry, (2005 Aug 26) Vol. 280, No. 34, pp. 30143-9. Electronic Publication: 2005-06-30.
Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 9 OF 93 MEDLINE on STN
TI Rapid immunosuppressive effects of glucocorticoids mediated through Lck and Fyn.
SO Blood, (2005 Sep 1) Vol. 106, No. 5, pp. 1703-10. Electronic Publication: 2005-05-17.
Journal code: 7603509. ISSN: 0006-4971.

L3 ANSWER 10 OF 93 MEDLINE on STN
TI Internalization and trafficking of guanylyl cyclase/natriuretic peptide receptor-A.
SO Peptides, (2005 Jun) Vol. 26, No. 6, pp. 985-1000. Electronic Publication: 2005-04-15. Ref: 129
Journal code: 8008690. ISSN: 0196-9781.

L3 ANSWER 11 OF 93 MEDLINE on STN
TI Internalization and trafficking of guanylyl (guanylate) cyclase/natriuretic peptide receptor A is regulated by an acidic tyrosine-based cytoplasmic motif GDAY.
SO The Biochemical journal, (2005 May 15) Vol. 388, No. Pt 1, pp. 103-13.
Journal code: 2984726R. E-ISSN: 1470-8728.

L3 ANSWER 12 OF 93 MEDLINE on STN
TI N-ethylmaleimide-sensitive factor is required for the synaptic incorporation and removal of AMPA receptors during cerebellar long-term depression.
SO Proceedings of the National Academy of Sciences of the United States of America, (2004 Dec 28) Vol. 101, No. 52, pp. 18212-6. Electronic Publication: 2004-12-17.
Journal code: 7505876. ISSN: 0027-8424.

L3 ANSWER 13 OF 93 MEDLINE on STN
TI Monitoring ligand-mediated nuclear receptor-coregulator interactions by noncovalent mass spectrometry.
SO European journal of biochemistry / FEBS, (2004 Dec) Vol. 271, No. 23-24, pp. 4958-67.
Journal code: 0107600. ISSN: 0014-2956.

L3 ANSWER 14 OF 93 MEDLINE on STN
TI Tachykinin and tachykinin receptor of an ascidian, Ciona intestinalis: evolutionary origin of the vertebrate tachykinin family.
SO The Journal of biological chemistry, (2004 Dec 17) Vol. 279, No. 51, pp. 53798-805. Electronic Publication: 2004-10-12.
Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 15 OF 93 MEDLINE on STN
TI Novel peptide ligands for integrin alpha 4 beta 1 overexpressed in cancer

- cells.
SO Molecular cancer therapeutics, (2004 Oct)
Vol. 3, No. 10, pp. 1329-34.
Journal code: 101132535. ISSN: 1535-7163.
- L3 ANSWER 16 OF 93 MEDLINE on STN
TI Cutting edge: 1,25-dihydroxyvitamin D3 is
a direct inducer of
antimicrobial peptide gene expression.
SO Journal of immunology (Baltimore, Md. :
1950), (2004 Sep 1) Vol. 173, No.
5, pp. 2909-12.
Journal code: 2985117R. ISSN: 0022-1767.
- L3 ANSWER 17 OF 93 MEDLINE on STN
TI Solution structure and backbone dynamics
of the non-receptor
protein-tyrosine kinase-6 Src homology 2
domain.
SO The Journal of biological chemistry,
(2004 Jul 9) Vol. 279, No. 28, pp.
29700-8. Electronic Publication: 2004-
03-31.
Journal code: 2985121R. ISSN: 0021-9258.
- L3 ANSWER 18 OF 93 MEDLINE on STN
TI RELIC--a bioinformatics server for
combinatorial peptide analysis and
identification of protein-ligand
interaction sites.
SO Proteomics, (2004 May) Vol. 4, No. 5, pp.
1439-60.
Journal code: 101092707. ISSN: 1615-9853.
- L3 ANSWER 19 OF 93 MEDLINE on STN
TI Ligand-induced recruitment of Na⁺/H⁺-
exchanger regulatory factor to the
PDGF (platelet-derived growth factor)
receptor regulates actin
cytoskeleton reorganization by PDGF.
SO The Biochemical journal, (2003 Dec 1)
Vol. 376, No. Pt 2, pp. 505-10.
Journal code: 2984726R. E-ISSN: 1470-
8728.
- L3 ANSWER 20 OF 93 MEDLINE on STN
TI Pharmacologically active spider peptide
toxins.
SO Cellular and molecular life sciences :
CMLS, (2003 Nov) Vol. 60, No. 11,
pp. 2409-26. Ref: 123
Journal code: 9705402. ISSN: 1420-682X.
- L3 ANSWER 21 OF 93 MEDLINE on STN
TI Transcriptional regulation of the CRLR
gene in human microvascular
endothelial cells by hypoxia.
SO The FASEB journal : official publication
of the Federation of American
Societies for Experimental Biology, (2003
Aug) Vol. 17, No. 11, pp.
1499-501. Electronic Publication: 2003-
06-17.
Journal code: 8804484. E-ISSN: 1530-6860.
- L3 ANSWER 22 OF 93 MEDLINE on STN
TI Development of a versatile platform for
nuclear receptor screening using
AlphaScreen.
SO Journal of biomolecular screening : the
official journal of the Society
for Biomolecular Screening, (2003 Apr)
Vol. 8, No. 2, pp. 191-7.
Journal code: 9612112. ISSN: 1087-0571.
- L3 ANSWER 23 OF 93 MEDLINE on STN
TI Activation of bradykinin B1 receptor by
ACE inhibitors.
SO International immunopharmacology, (2002
Dec) Vol. 2, No. 13-14, pp.
1787-93. Ref: 45
Journal code: 100965259. ISSN: 1567-5769.
- L3 ANSWER 24 OF 93 MEDLINE on STN
TI Dendritic cell gene therapy.
SO Surgical oncology clinics of North
America, (2002 Jul) Vol. 11, No. 3, pp.
645-60. Ref: 53
Journal code: 9211789. ISSN: 1055-3207.
- L3 ANSWER 25 OF 93 MEDLINE on STN
TI Specific inhibition of P-selectin-
mediated cell adhesion by phage
display-derived peptide antagonists.
SO Blood, (2002 Nov 15) Vol. 100, No. 10,
pp. 3570-7. Electronic
Publication: 2002-07-05.
Journal code: 7603509. ISSN: 0006-4971.
- L3 ANSWER 26 OF 93 MEDLINE on STN
TI Identification of the bacteria-binding
peptide domain on salivary
agglutinin (gp-340/DMBT1), a member of
the scavenger receptor
cysteine-rich superfamily.
SO The Journal of biological chemistry,
(2002 Aug 30) Vol. 277, No. 35, pp.
32109-15. Electronic Publication: 2002-
06-05.
Journal code: 2985121R. ISSN: 0021-9258.
- L3 ANSWER 27 OF 93 MEDLINE on STN
TI Interaction of transcriptional
intermediary factor 2 nuclear receptor box
peptides with the coactivator binding
site of estrogen receptor alpha.
SO The Journal of biological chemistry,
(2002 Jun 14) Vol. 277, No. 24, pp.
21862-8. Electronic Publication: 2002-
04-05.
Journal code: 2985121R. ISSN: 0021-9258.
- L3 ANSWER 28 OF 93 MEDLINE on STN
TI Novel mode of action of angiotensin I
converting enzyme inhibitors: direct
activation of bradykinin B1 receptor.
SO The Journal of biological chemistry,
(2002 May 10) Vol. 277, No. 19, pp.
16847-52. Electronic Publication: 2002-
03-05.
Journal code: 2985121R. ISSN: 0021-9258.
- L3 ANSWER 29 OF 93 MEDLINE on STN
TI Intracellular trafficking and metabolic
turnover of ligand-bound guanylyl
cyclase/atrial natriuretic peptide
receptor-A into subcellular
compartments.
SO Molecular and cellular biochemistry,
(2002 Jan) Vol. 230, No. 1-2, pp.
61-72. Ref: 89
Journal code: 0364456. ISSN: 0300-8177.

L3 ANSWER 30 OF 93 MEDLINE on STN
TI A "three-pronged" binding mechanism for
the SAP/SH2D1A SH2 domain:
structural basis and relevance to the XLP
syndrome.
SO The EMBO journal, (2002 Feb 1) Vol. 21,
No. 3, pp. 314-23.
Journal code: 8208664. ISSN: 0261-4189.

L3 ANSWER 31 OF 93 MEDLINE on STN
TI Selection of peptide ligands binding to
the basolateral cell surface of
proximal convoluted tubules.
SO Kidney international, (2002 Jan) Vol. 61,
No. 1, pp. 342-8.
Journal code: 0323470. ISSN: 0085-2538.

L3 ANSWER 32 OF 93 MEDLINE on STN
TI Epitope mapping using the X-ray
crystallographic structure of complement
receptor type 2 (CR2)/CD21:
identification of a highly inhibitory
monoclonal antibody that directly
recognizes the CR2-C3d interface.
SO Journal of immunology (Baltimore, Md. :
1950), (2001 Nov 15) Vol. 167, No.
10, pp. 5758-66.
Journal code: 2985117R. ISSN: 0022-1767.

L3 ANSWER 33 OF 93 MEDLINE on STN
TI Amphoterin includes a sequence motif
which is homologous to the
Alzheimer's beta-amyloid peptide (Abeta),
forms amyloid fibrils in vitro,
and binds avidly to Abeta.
SO Biochemistry, (2001 Aug 28) Vol. 40, No.
34, pp. 10032-7.
Journal code: 0370623. ISSN: 0006-2960.

L3 ANSWER 34 OF 93 MEDLINE on STN
TI Transcriptional hyperactivity of human
progesterone receptors is coupled
to their ligand-dependent down-regulation
by mitogen-activated protein
kinase-dependent phosphorylation of
serine 294.
SO Molecular and cellular biology, (2001
Sep) Vol. 21, No. 18, pp. 6122-31.
Journal code: 8109087. ISSN: 0270-7306.

L3 ANSWER 35 OF 93 MEDLINE on STN
TI Conformational dependence of collagenase
(matrix metalloproteinase-1)
up-regulation by elastin peptides in
cultured fibroblasts.
SO The Journal of biological chemistry,
(2001 Feb 16) Vol. 276, No. 7, pp.
5222-7. Electronic Publication: 2000-11-
17.
Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 36 OF 93 MEDLINE on STN
TI Selection of peptides and synthesis of
pentameric peptabody molecules
reacting specifically with ErbB-2
receptor.
SO International journal of cancer. Journal
international du cancer, (2001
Jun 1) Vol. 92, No. 5, pp. 748-55.
Journal code: 0042124. ISSN: 0020-7136.

L3 ANSWER 37 OF 93 MEDLINE on STN
TI Comparative molecular modeling on 3D-
structure of opioid receptor-like 1
receptor.
SO Acta pharmacologica Sinica, (2000 Jun)
Vol. 21, No. 6, pp. 529-35.
Journal code: 100956087. ISSN: 1671-4083.

L3 ANSWER 38 OF 93 MEDLINE on STN
TI A single internalization signal from the
di-leucine family is critical for
constitutive endocytosis of the type II
TGF-beta receptor.
SO Journal of cell science, (2001 May) Vol.
114, No. Pt 9, pp. 1777-86.
Journal code: 0052457. ISSN: 0021-9533.

L3 ANSWER 39 OF 93 MEDLINE on STN
TI Ion channel activation by SPC3, a peptide
derived from the HIV-1 gp120 V3
loop.
SO The journal of peptide research :
official journal of the American Peptide
Society, (2000 Dec) Vol. 56, No. 6, pp.
427-37.
Journal code: 9707067. ISSN: 1397-002X.

L3 ANSWER 40 OF 93 MEDLINE on STN
TI VEINCTR-N, an immunogenic epitope of Fas
(CD95/Apo-I), and soluble Fas
enhance T-cell apoptosis in vitro. II.
Functional analysis and possible
implications in HIV-1 disease.
SO Molecular medicine (Cambridge, Mass.),
(2000 Jun) Vol. 6, No. 6, pp.
509-26.
Journal code: 9501023. ISSN: 1076-1551.

L3 ANSWER 41 OF 93 MEDLINE on STN
TI Backbone dynamics of the C-terminal SH2
domain of the p85alpha subunit of
phosphoinositide 3-kinase: effect of
phosphotyrosine-peptide binding and
characterization of slow conformational
exchange processes.
SO Journal of molecular biology, (2000 Jun
9) Vol. 299, No. 3, pp. 771-88.
Journal code: 2985088R. ISSN: 0022-2836.

L3 ANSWER 42 OF 93 MEDLINE on STN
TI Role of asparagine-linked
oligosaccharides in the function of the rat
PTH/PTHrP receptor.
SO Biochemistry, (2000 May 30) Vol. 39, No.
21, pp. 6514-20.
Journal code: 0370623. ISSN: 0006-2960.

L3 ANSWER 43 OF 93 MEDLINE on STN
TI Solution structure of Eps15's third EH
domain reveals coincident Phe-Trp
and Asn-Pro-Phe binding sites.
SO Biochemistry, (2000 Apr 18) Vol. 39, No.
15, pp. 4309-19.
Journal code: 0370623. ISSN: 0006-2960.

L3 ANSWER 44 OF 93 MEDLINE on STN
TI Consensus bioactive conformation of
cyclic GnRH antagonists defined by NMR
and molecular modeling.

SO Journal of medicinal chemistry, (2000 Mar 9) Vol. 43, No. 5, pp. 819-28.
Journal code: 9716531. ISSN: 0022-2623.

L3 ANSWER 45 OF 93 MEDLINE on STN
TI The nematode leucine-rich repeat-containing, G protein-coupled receptor (LGR) protein homologous to vertebrate gonadotropin and thyrotropin receptors is constitutively active in mammalian cells.
SO Molecular endocrinology (Baltimore, Md.), (2000 Feb) Vol. 14, No. 2, pp. 272-84.
Journal code: 8801431. ISSN: 0888-8809.

L3 ANSWER 46 OF 93 MEDLINE on STN
TI Ligand binding-dependent limited proteolysis of the atrial natriuretic peptide receptor: juxtamembrane hinge structure essential for transmembrane signal transduction.
SO Biochemistry, (1999 Dec 21) Vol. 38, No. 51, pp. 16941-51.
Journal code: 0370623. ISSN: 0006-2960.

L3 ANSWER 47 OF 93 MEDLINE on STN
TI Identification of a heparin-binding region of rat thyroglobulin involved in megalin binding.
SO The Journal of biological chemistry, (1999 Oct 22) Vol. 274, No. 43, pp. 30377-86.
Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 48 OF 93 MEDLINE on STN
TI Identification of a 14-3-3 binding sequence in the common beta chain of the granulocyte-macrophage colony-stimulating factor (GM-CSF), interleukin-3 (IL-3), and IL-5 receptors that is serine-phosphorylated by GM-CSF.
SO Blood, (1999 Sep 15) Vol. 94, No. 6, pp. 1933-42.
Journal code: 7603509. ISSN: 0006-4971.

L3 ANSWER 49 OF 93 MEDLINE on STN
TI Structure of human histocompatibility leukocyte antigen (HLA)-Cw4, a ligand for the KIR2D natural killer cell inhibitory receptor.
SO The Journal of experimental medicine, (1999 Jul 5) Vol. 190, No. 1, pp. 113-23.
Journal code: 2985109R. ISSN: 0022-1007.

L3 ANSWER 50 OF 93 MEDLINE on STN
TI Definition of an unexpected ligand recognition motif for alphav beta6 integrin.
SO The Journal of biological chemistry, (1999 Jan 22) Vol. 274, No. 4, pp. 1979-85.
Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 51 OF 93 MEDLINE on STN
TI A single amino acid substitution in a WW-like domain of diverse members of the PDGF receptor subfamily of tyrosine kinases causes constitutive

receptor activation.

SO The EMBO journal, (1998 Dec 1) Vol. 17, No. 23, pp. 6912-23.
Journal code: 8208664. ISSN: 0261-4189.

L3 ANSWER 52 OF 93 MEDLINE on STN
TI In vitro selection of peptides acting at a new site of NMDA glutamate receptors.

SO Nature biotechnology, (1996 Aug) Vol. 14, No. 8, pp. 986-91.
Journal code: 9604648. ISSN: 1087-0156.

L3 ANSWER 53 OF 93 MEDLINE on STN
TI Hyaluronan-dependent cell migration can be blocked by a CD44 cytoplasmic domain peptide containing a phosphoserine at position 325.
SO Journal of cell science, (1998 Jun) Vol. 111 (Pt 11), pp. 1595-601.
Journal code: 0052457. ISSN: 0021-9533.

L3 ANSWER 54 OF 93 MEDLINE on STN
TI Solution structure of the C-terminal SH2 domain of the p85 alpha regulatory subunit of phosphoinositide 3-kinase.
SO Journal of molecular biology, (1998 Feb 20) Vol. 276, No. 2, pp. 461-78.
Journal code: 2985088R. ISSN: 0022-2836.

L3 ANSWER 55 OF 93 MEDLINE on STN
TI Epitope mapping of a C5a neutralizing mAb using a combined approach of phage display, synthetic peptides and site-directed mutagenesis.
SO Immunotechnology : an international journal of immunological engineering, (1996 Jun) Vol. 2, No. 2, pp. 115-26.
Journal code: 9511979. ISSN: 1380-2933.

L3 ANSWER 56 OF 93 MEDLINE on STN
TI The uroguanylin gene (Gucal) is linked to guanylin (Guca2) on mouse chromosome 4.
SO Genomics, (1997 Oct 15) Vol. 45, No. 2, pp. 348-54.
Journal code: 8800135. ISSN: 0888-7543.

L3 ANSWER 57 OF 93 MEDLINE on STN
TI An RGD to LDV motif conversion within the disintegrin kistrin generates an integrin antagonist that retains potency but exhibits altered receptor specificity. Evidence for a functional equivalence of acidic integrin-binding motifs.
SO The Journal of biological chemistry, (1997 Aug 22) Vol. 272, No. 34, pp. 21341-8.
Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 58 OF 93 MEDLINE on STN
TI The alpha-bungarotoxin binding site on the nicotinic acetylcholine receptor: analysis using a phage-epitope library.
SO Proceedings of the National Academy of Sciences of the United States of America, (1997 Jun 10) Vol. 94, No. 12, pp. 6054-8.

Journal code: 7505876. ISSN: 0027-8424.

L3 ANSWER 59 OF 93 MEDLINE on STN
TI Identification of cytoplasmic motifs required for short prolactin receptor internalization.
SO The Journal of biological chemistry, (1997 Mar 14) Vol. 272, No. 11, pp. 7062-8.
Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 60 OF 93 MEDLINE on STN
TI The seven-span transmembrane receptor CD97 has a cellular ligand (CD55, DAF).
SO The Journal of experimental medicine, (1996 Sep 1) Vol. 184, No. 3, pp. 1185-9.
Journal code: 2985109R. ISSN: 0022-1007.

L3 ANSWER 61 OF 93 MEDLINE on STN
TI Determination of affinities for lck SH2 binding peptides using a sensitive fluorescence assay: comparison between the pYEEIP and pYQPP consensus sequences reveals context-dependent binding specificity.
SO Biochemistry, (1996 Dec 24) Vol. 35, No. 51, pp. 16746-52.
Journal code: 0370623. ISSN: 0006-2960.

L3 ANSWER 62 OF 93 MEDLINE on STN
TI Isolation of a cDNA encoding a novel leucine-rich repeat motif from Sorghum bicolor inoculated with fungi.
SO Molecular plant-microbe interactions : MPMI, (1996 Dec) Vol. 9, No. 9, pp. 819-25.
Journal code: 9107902. ISSN: 0894-0282.

L3 ANSWER 63 OF 93 MEDLINE on STN
TI Solution structure and peptide binding of the SH3 domain from human Fyn.
SO Structure (London, England : 1993), (1996 Jun 15) Vol. 4, No. 6, pp. 705-14.
Journal code: 101087697. ISSN: 0969-2126.

L3 ANSWER 64 OF 93 MEDLINE on STN
TI Analysis of the glycosylation patterns of the extracellular domain of the epidermal growth factor receptor expressed in Chinese hamster ovary fibroblasts.
SO Growth factors (Chur, Switzerland), (1996) Vol. 13, No. 1-2, pp. 121-32.
Journal code: 9000468. ISSN: 0897-7194.

L3 ANSWER 65 OF 93 MEDLINE on STN
TI Site-directed estrogen receptor antibodies stabilize 4-hydroxytamoxifen ligand, but not estradiol, and indicate ligand-specific differences in the recognition of estrogen response element DNA in vitro.
SO Steroids, (1996 May) Vol. 61, No. 5, pp. 278-89.
Journal code: 0404536. ISSN: 0039-128X.

L3 ANSWER 66 OF 93 MEDLINE on STN

TI Cloning and sequencing of human gp330, a Ca(2+)-binding receptor with potential intracellular signaling properties.
SO European journal of biochemistry / FEBS, (1996 Jul 1) Vol. 239, No. 1, pp. 132-7.

Journal code: 0107600. ISSN: 0014-2956.

L3 ANSWER 67 OF 93 MEDLINE on STN
TI Small peptides as potent mimetics of the protein hormone erythropoietin.
SO Science, (1996 Jul 26) Vol. 273, No. 5274, pp. 458-64.
Journal code: 0404511. ISSN: 0036-8075.

L3 ANSWER 68 OF 93 MEDLINE on STN
TI The Epstein-Barr virus-binding site on CD21 is involved in CD23 binding and interleukin-4-induced IgE and IgG4 production by human B cells.
SO Immunology, (1996 May) Vol. 88, No. 1, pp. 35-9.
Journal code: 0374672. ISSN: 0019-2805.

L3 ANSWER 69 OF 93 MEDLINE on STN
TI Structure of the bradykinin B2 receptors' amino terminus.
SO Biochemistry, (1996 Jun 11) Vol. 35, No. 23, pp. 7514-9.
Journal code: 0370623. ISSN: 0006-2960.

L3 ANSWER 70 OF 93 MEDLINE on STN
TI Mutagenesis of N-glycosylation sites in the human vasoactive intestinal peptide 1 receptor. Evidence that asparagine 58 or 69 is crucial for correct delivery of the receptor to plasma membrane.
SO Biochemistry, (1996 Feb 13) Vol. 35, No. 6, pp. 1745-52.
Journal code: 0370623. ISSN: 0006-2960.

L3 ANSWER 71 OF 93 MEDLINE on STN
TI Peptide growth factor cross-talk with the estrogen receptor requires the A/B domain and occurs independently of protein kinase C or estradiol.
SO Endocrinology, (1996 May) Vol. 137, No. 5, pp. 1735-44.
Journal code: 0375040. ISSN: 0013-7227.

L3 ANSWER 72 OF 93 MEDLINE on STN
TI A novel cobra venom metalloproteinase, mocarhagin, cleaves a 10-amino acid peptide from the mature N terminus of P-selectin glycoprotein ligand receptor, PSGL-1, and abolishes P-selectin binding.
SO The Journal of biological chemistry, (1995 Nov 10) Vol. 270, No. 45, pp. 26734-7.
Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 73 OF 93 MEDLINE on STN
TI Protein ligands of the human adenovirus type 2 outer capsid identified by biopanning of a phage-displayed peptide library on separate domains of wild-type and mutant penton capsomers.

SO The EMBO journal, (1995 Oct 2) Vol. 14, No. 19, pp. 4714-27.

Journal code: 8208664. ISSN: 0261-4189.

L3 ANSWER 74 OF 93 MEDLINE on STN
TI Determination of receptor-ligand kinetic and equilibrium binding constants using surface plasmon resonance: application to the lck SH2 domain and phosphotyrosyl peptides.

SO Journal of medicinal chemistry, (1995 Apr 14) Vol. 38, No. 8, pp. 1309-18.

Journal code: 9716531. ISSN: 0022-2623.

L3 ANSWER 75 OF 93 MEDLINE on STN
TI Characterization of a complement receptor 2 (CR2, CD21) ligand binding site for C3. An initial model of ligand interaction with two linked short consensus repeat modules.

SO Journal of immunology (Baltimore, Md. : 1950), (1995 May 15) Vol. 154, No. 10, pp. 5426-35.

Journal code: 2985117R. ISSN: 0022-1767.

L3 ANSWER 76 OF 93 MEDLINE on STN
TI Identification of phosphorylation sites unique to the B form of human progesterone receptor. In vitro phosphorylation by casein kinase II.

SO The Journal of biological chemistry, (1994 Dec 9) Vol. 269, No. 49, pp. 31034-40.

Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 77 OF 93 MEDLINE on STN
TI Complete cloning and sequencing of rat gp330/"megalin," a distinctive member of the low density lipoprotein receptor gene family.

SO Proceedings of the National Academy of Sciences of the United States of America, (1994 Oct 11) Vol. 91, No. 21, pp. 9725-9.

Journal code: 7505876. ISSN: 0027-8424.

L3 ANSWER 78 OF 93 MEDLINE on STN
TI cDNA cloning of a G-protein-coupled receptor expressed in rat spinal cord and brain related to chemokine receptors.

SO Neuroscience letters, (1994 Mar 14) Vol. 169, No. 1-2, pp. 85-9.

Journal code: 7600130. ISSN: 0304-3940.

L3 ANSWER 79 OF 93 MEDLINE on STN
TI Fibronectin receptors from gram-positive bacteria: comparison of active sites.

SO Biochemistry, (1994 May 24) Vol. 33, No. 20, pp. 6086-92.

Journal code: 0370623. ISSN: 0006-2960.

L3 ANSWER 80 OF 93 MEDLINE on STN
TI FGF3 from Xenopus laevis.

SO The EMBO journal, (1993 Nov) Vol. 12, No. 11, pp. 4159-68.

Journal code: 8208664. ISSN: 0261-4189.

L3 ANSWER 81 OF 93 MEDLINE on STN
TI Vitamin D receptor zinc finger region binds to a direct repeat as a dimer

and discriminates the spacing number between each half-site.

SO The Journal of biological chemistry, (1993 Sep 15) Vol. 268, No. 26, pp. 19739-43.

Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 82 OF 93 MEDLINE on STN
TI Peptide ligands for a sugar-binding protein isolated from a random peptide library.

SO Proceedings of the National Academy of Sciences of the United States of America, (1992 Jun 15) Vol. 89, No. 12, pp. 5393-7.

Journal code: 7505876. ISSN: 0027-8424.

L3 ANSWER 83 OF 93 MEDLINE on STN
TI Immunoregulatory role of gamma delta T cells.

SO Annals of the New York Academy of Sciences, (1991 Dec 30) Vol. 636, pp. 1-8. Ref: 35

Journal code: 7506858. ISSN: 0077-8923.

L3 ANSWER 84 OF 93 MEDLINE on STN
TI Insulin-like growth factors (IGFs) reduce IGF-binding protein-4 (IGFBP-4) concentration and stimulate IGFBP-3 independently of IGF receptors in human fibroblasts and epidermal cells.

SO Endocrinology, (1992 Feb) Vol. 130, No. 2, pp. 985-93.

Journal code: 0375040. ISSN: 0013-7227.

L3 ANSWER 85 OF 93 MEDLINE on STN
TI Dermorphin and deltorphin I reveal similarities within ligand-binding domains of mu- and delta-opioid receptors and an additional address subsite on the delta-receptor.

SO Biochemical and biophysical research communications, (1991 Sep 30) Vol. 179, No. 3, pp. 1161-8.

Journal code: 0372516. ISSN: 0006-291X.

L3 ANSWER 86 OF 93 MEDLINE on STN
TI Inositol 1,4,5-trisphosphate receptor is phosphorylated by cyclic AMP-dependent protein kinase at serines 1755 and 1589.

SO Biochemical and biophysical research communications, (1991 Feb 28) Vol. 175, No. 1, pp. 192-8.

Journal code: 0372516. ISSN: 0006-291X.

L3 ANSWER 87 OF 93 MEDLINE on STN
TI Cyclic AMP-dependent protein kinase decreases GABAA receptor current in mouse spinal neurons.

SO Neuron, (1990 Dec) Vol. 5, No. 6, pp. 789-96.

Journal code: 8809320. ISSN: 0896-6273.

L3 ANSWER 88 OF 93 MEDLINE on STN
TI The primary structure of the rat guanylyl cyclase A/atrial natriuretic peptide receptor gene.

SO The Journal of biological chemistry, (1990 Nov 25) Vol. 265, No. 33, pp. 20414-20.

Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 89 OF 93 MEDLINE on STN
 TI Human platelets and megakaryocytes
 contain alternately spliced
 glycoprotein IIb mRNAs.
 SO The Journal of biological chemistry,
 (1990 Jun 15) Vol. 265, No. 17, pp.
 9587-90.
 Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 90 OF 93 MEDLINE on STN
 TI Comparative sequence and immunochemical
 analyses of murine monoclonal
 anti-morphine antibodies.
 SO Journal of molecular biology, (1989 Oct
 20) Vol. 209, No. 4, pp. 763-78.
 Journal code: 2985088R. ISSN: 0022-2836.

L3 ANSWER 91 OF 93 MEDLINE on STN
 TI Structure of the canine pancreatic lipase
 gene.
 SO The Journal of biological chemistry,
 (1989 Aug 5) Vol. 264, No. 22, pp.
 12895-901.
 Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 92 OF 93 MEDLINE on STN
 TI Molecular and biochemical
 characterization of the human trk
 proto-oncogene.
 SO Molecular and cellular biology, (1989
 Jan) Vol. 9, No. 1, pp. 24-33.
 Journal code: 8109087. ISSN: 0270-7306.

L3 ANSWER 93 OF 93 MEDLINE on STN
 TI Structure of the human B lymphocyte
 receptor for C3d and the Epstein-Barr
 virus and relatedness to other members of
 the family of C3/C4 binding
 proteins.
 SO The Journal of experimental medicine,
 (1988 Mar 1) Vol. 167, No. 3, pp.
 1047-66.
 Journal code: 2985109R. ISSN: 0022-1007.

=> d his

(FILE 'HOME' ENTERED AT 11:04:18 ON 19
 OCT 2006)

FILE 'MEDLINE' ENTERED AT 11:04:32 ON 19
 OCT 2006

L1 850 S LIGAND (P) CONSENSUS
 L2 172 S L1(P) PEPTIDE#
 L3 93 S L2(P) RECEPTOR#

=> s 11(p) orphan#
 4775 ORPHAN#

L4 15 L1(P) ORPHAN#

=> d 1-15 ti so

L4 ANSWER 1 OF 15 MEDLINE on STN
 TI Characterization of the DNA-binding
 properties and the transactivation
 activity of Schistosoma mansoni nuclear
 receptor fushi tarazu-factor
 1alpha (SmFTZ-F1alpha).

SO Molecular and biochemical parasitology,
 (2006 Nov) Vol. 150, No. 1, pp.
 72-82. Electronic Publication: 2006-07-
 18.

Journal code: 8006324. ISSN: 0166-6851.

L4 ANSWER 2 OF 15 MEDLINE on STN
 TI The activation function-1 domain of
 Nur77/NR4A1 mediates trans-activation,
 cell specificity, and coactivator
 recruitment.
 SO The Journal of biological chemistry,
 (2002 Sep 6) Vol. 277, No. 36, pp.
 33001-11. Electronic Publication: 2002-
 06-24.
 Journal code: 2985121R. ISSN: 0021-9258.

L4 ANSWER 3 OF 15 MEDLINE on STN
 TI Glucocorticoid-mediated induction of
 CYP3A4 is decreased by disruption of
 a protein: DNA interaction distinct from
 the pregnane X receptor response
 element.
 SO Drug metabolism and disposition: the
 biological fate of chemicals, (2002
 Sep) Vol. 30, No. 9, pp. 1029-34.
 Journal code: 9421550. ISSN: 0090-9556.

L4 ANSWER 4 OF 15 MEDLINE on STN
 TI Estrogen-related receptor alpha 1
 actively antagonizes estrogen
 receptor-regulated transcription in MCF-7
 mammary cells.
 SO The Journal of biological chemistry,
 (2002 Jul 5) Vol. 277, No. 27, pp.
 24826-34. Electronic Publication: 2002-
 05-01.
 Journal code: 2985121R. ISSN: 0021-9258.

L4 ANSWER 5 OF 15 MEDLINE on STN
 TI The ROR nuclear orphan receptor
 subfamily: critical regulators of multiple
 biological processes.
 SO Progress in nucleic acid research and
 molecular biology, (2001) Vol. 69,
 pp. 205-47. Ref: 170
 Journal code: 0102753. ISSN: 0079-6603.

L4 ANSWER 6 OF 15 MEDLINE on STN
 TI Role of estrogen receptor ligand and
 estrogen response element sequence on
 interaction with chicken ovalbumin
 upstream promoter transcription factor
 (COUP-TF).
 SO The Journal of steroid biochemistry and
 molecular biology, (1999 Nov) Vol.
 71, No. 1-2, pp. 1-19.
 Journal code: 9015483. ISSN: 0960-0760.

L4 ANSWER 7 OF 15 MEDLINE on STN
 TI Germ cell nuclear factor: an orphan
 receptor with unexpected properties.
 SO Journal of molecular medicine (Berlin,
 Germany), (1998 Nov-Dec) Vol. 76,
 No. 12, pp. 800-10. Ref: 75
 Journal code: 9504370. ISSN: 0946-2716.

L4 ANSWER 8 OF 15 MEDLINE on STN
 TI The orphan nuclear receptor estrogen-
 related receptor alpha is a

transcriptional regulator of the human
medium-chain acyl coenzyme A
dehydrogenase gene.
SO Molecular and cellular biology, (1997
Sep) Vol. 17, No. 9, pp. 5400-9.
Journal code: 8109087. ISSN: 0270-7306.

L4 ANSWER 9 OF 15 MEDLINE on STN
TI The nuclear orphan receptors COUP-TF and
ARP-1 positively regulate the
trout estrogen receptor gene through
enhancing autoregulation.
SO Molecular and cellular biology, (1997
Sep) Vol. 17, No. 9, pp. 5053-66.
Journal code: 8109087. ISSN: 0270-7306.

L4 ANSWER 10 OF 15 MEDLINE on STN
TI Are nuclear receptors involved in
pituitary responsiveness to melatonin?
SO Molecular and cellular endocrinology,
(1996 Oct 14) Vol. 123, No. 1, pp.
53-9.
Journal code: 7500844. ISSN: 0303-7207.

L4 ANSWER 11 OF 15 MEDLINE on STN
TI Transcriptional repression by the orphan
steroid receptor RVR/Rev-erb beta
is dependent on the signature motif and
helix 5 in the E region:
functional evidence for a biological role
of RVR in myogenesis.
SO Nucleic acids research, (1996 Sep 15)
Vol. 24, No. 18, pp. 3481-9.
Journal code: 0411011. ISSN: 0305-1048.

L4 ANSWER 12 OF 15 MEDLINE on STN
TI Phylogeny of the steroid receptor
superfamily.
SO Molecular phylogenetics and evolution,
(1994 Sep) Vol. 3, No. 3, pp.
192-205.
Journal code: 9304400. ISSN: 1055-7903.

L4 ANSWER 13 OF 15 MEDLINE on STN
TI A new orphan member of the nuclear
hormone receptor superfamily closely
related to Rev-Erb.
SO Molecular endocrinology (Baltimore, Md.),
(1994 Aug) Vol. 8, No. 8, pp.
996-1005.
Journal code: 8801431. ISSN: 0888-8809.

L4 ANSWER 14 OF 15 MEDLINE on STN
TI Thyroid hormone receptor functions as
monomeric ligand-induced
transcription factor on octameric half-
sites. Consequences also for
dimerization.
SO The Journal of biological chemistry,
(1994 Mar 4) Vol. 269, No. 9, pp.
6444-9.
Journal code: 2985121R. ISSN: 0021-9258.

L4 ANSWER 15 OF 15 MEDLINE on STN
TI A new orphan member of the nuclear
hormone receptor superfamily that
interacts with a subset of retinoic acid
response elements.
SO Molecular and cellular biology, (1994
Mar) Vol. 14, No. 3, pp. 1544-52.
Journal code: 8109087. ISSN: 0270-7306.

=> log y
COST IN U.S. DOLLARS
SINCE FILE TOTAL

ENTRY SESSION
FULL ESTIMATED COST
6.96 7.17

STN INTERNATIONAL LOGOFF AT 11:07:02 ON 19 OCT
2006